

Abstract:

Method for the Pressure Modulation of Brake Pressures

The present invention relates to a method for the pressure modulation of brake pressures with an electric pressure fluid pump in a dual-circuit brake pressure transmission device, with the steps introduction of a brake pressure into the one and/or the other wheel brake circuit of the one brake pressure transmission circuit, maintaining the brake pressure in the one and/or the other wheel brake circuit of the one brake pressure transmission circuit, and discharge of the brake pressure into the one and/or the other wheel brake circuit of the one brake pressure transmission circuit.

To reduce noise emissions and to enhance the possibilities of braking intervention by the driver during a braking operation by independent force, a split-up of the wheel brake circuits (26, 27) of the one brake pressure transmission circuit into a leading and a following wheel brake circuit with different brake pressure demands is provided, wherein the leading wheel brake circuit (26 or 27) is defined as wheel brake circuit with a higher brake pressure demand, and wherein further the steps introduction, maintaining, and reduction of the brake pressure of the following wheel brake circuit are controlled or regulated by way of the leading wheel brake circuit.

(Figure 1)